

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003621

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> A61K9/48, 9/58, 31/4439, 45/00, 47/34, 47/36, 47/42,  
A61P1/04//C07D401/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> A61K9/48, 9/58, 31/4439, 45/00, 47/34, 47/36, 47/42,  
A61P1/04//C07D401/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Caplus (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 6-157915 A (Warner-Lambert Kabushiki Kaisha), 07 June, 1994 (07.06.94), Particularly, Claims; examples; page 4, right column, lines 12 to 16 (Family: none)	1-3, 14-24 6-13
X Y	JP 6-72862 A (Nippon Elanco Co., Ltd.), 15 March, 1994 (15.03.94), Particularly, Claims; examples; page 4, right column, lines 41 to 47 (Family: none)	1-3, 14-24 6-13

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
16 May, 2005 (16.05.05)

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31 May, 2005 (31.05.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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PCT/JP2005/003621

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 3-80930 A (Nippon Elanco Co., Ltd.), 05 April, 1991 (05.04.91), Particularly, Claims; examples; page 2, lower left column, line 19 to lower right column, line 16; page 5, lower left column, lines 6 to 16 (Family: none)	1-3, 14-24 6-13
X Y	JP 2003-313125 A (CAPSUGEL JAPAN INC.), 06 November, 2003 (06.11.03), Particularly, Claims; examples; page 3, left column, line 6 to right column, line 1 & US 2003/0219478 A1 & WO 2003/090725 A1	1, 2, 4, 5, 14-24 6-13
X Y	JP 2003-313120 A (Fanc1 Corp.), 06 November, 2003 (06.11.03), Particularly, Claims; examples; page 7, right column, lines 40 to 46 (Family: none)	1, 2, 4, 5, 14-24 6-13
X Y	WO 2002/088246 A1 (Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo), 07 November, 2002 (07.11.02), Particularly, Claims; page 3, lines 22 to 25; examples; page 12, lines 10 to 18 & EP 1398346 A1 & US 2004/158038 A1	1, 2, 4, 5, 14-24 6-13
X Y	JP 2003-505565 A (Warner-Lambert Co.), 12 February, 2003 (12.02.03), Particularly, Claims; page 13, lines 5 to 14; examples & EP 1072633 A1 & EP 1157691 A1 & WO 2001/007507 A1	1, 2, 4, 5, 14-24 6-13
X Y	JP 2000-202003 A (Shionogi Qualicaps Co., Ltd.), 25 July, 2000 (25.07.00), Particularly, Claims; examples; page 5, right column, lines 1 to 4 (Family: none)	1, 2, 4, 5, 14-24 6-13
X Y	JP 5-65222 A (Fuji Capsule Kabushiki Kaisha), 19 March, 1993 (19.03.93), Particularly, Claims; examples; page 4, left column, line 25 to right column, line 21 (Family: none)	1, 2, 4, 5, 14-24 6-13
Y	WO 2003/032953 A1 (Takeda Chemical Industries, Ltd.), 24 April, 2003 (24.04.03), Particularly, Claims; examples & EP 1459737 A1 & WO 2003/032953 A1	7-13

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-514051 A (KLINGE PHARMA GMBH), 24 October, 2000 (24.10.00), Particularly, Claims; examples & US 2002/0054913 A1 & EP 934058 A2 & WO 1998/000114 A2 & WO 1998/000115 A2	7-13
Y	JP 2000-212085 A (Nanko Kagaku Seiyaku Kofun Yugen Koshi), 02 August, 2000 (02.08.00), Particularly, Claims; examples & TW 404832 B & AU 1354100 A	7-13
Y	JP 2003-520225 A (Carlsbad Technology, Inc.), 02 July, 2003 (02.07.03), Particularly, Claims; examples & US 6228400 B1 & EP 1185254 A2 & WO 2001/052816 A2	7-13